



United States Department of Agriculture  
Risk Management Agency

January 2005

## 2005 COMMODITY INSURANCE FACT SHEET

# Barley

## Minnesota

### Crop Insured

The crop insured will be all barley grown in the county on insurable acreage, for which premium rates are provided, in which you have a share, and planted for harvest as grain.

### Counties Available

Barley is insurable in most counties in Minnesota. In counties where premium rates are not published, barley may be insurable by written agreement.

### Causes of Loss

Adverse weather conditions<sup>1</sup>  
Failure of irrigation water supply<sup>2</sup>  
Fire<sup>3</sup>  
Insects<sup>4</sup>  
Plant disease<sup>4</sup>  
Wildlife

<sup>1</sup>Including hail, frost, freeze, drought, and excess precipitation. <sup>2</sup>If caused by an insured cause of loss. <sup>3</sup>If due to natural causes. <sup>4</sup>But not damage due to insufficient or improper application of pest or disease control measures.

### Insurance Period

Insurance coverage will begin on the later of the date we accept your application or the date when the barley is planted, and will end at the earliest of: (1) total destruction of the crop, (2) harvest of the unit, (3) final adjustment of a loss, (4) October 31, 2005 or, (5) abandonment of the crop.

### Reporting Requirements

**Acreage Report** — You must give a report of all your barley acreage in the county by the acreage reporting date.

### Important Dates

Sales Closing/Cancellation Date..... March 15  
Final Planting Date (North) .....June 5  
Final Planting Date (Central).....May 31  
Final Planting Date (South).....May 15  
Acreage Reporting Date .....June 30  
Premium Billing Date .....October 1  
Production Reporting Date..... April 29

### Definitions

**APH Yield** — Actual Production History yield used to determine the production guarantee. The APH Yield is based on up to 10 years of actual and/or assigned yields.

**Unit** — The insurable acreage used to determine the APH yield, the production guarantee, and any indemnity (loss payment).

**Production Guarantee** — Number of bushels guaranteed per unit. Multiply your APH yield per acre  $\times$  the coverage level percentage you select  $\times$  the number of acres in the unit.

**High Risk Land (HRL)** — Land designated on a map in the actuarial documents with a high risk rate classification, requiring a higher premium rate due to higher risk.

**HRL Exclusion Option** — An agreement to exclude from crop insurance coverage **all** high risk land by crop and county, as signed on our form by the sales closing date. Catastrophic coverage is still available when this Option is in effect.

### Coverage Levels & Premium Subsidies

Barley may be insured at the coverage levels shown in the table below. Crop insurance premiums are subsidized as shown. For example if you select the 75 percent coverage level, your coverage will be 75 percent of your approved APH yield, the premium subsidy is 55 percent, and your premium share is 45 percent of the base premium. Catastrophic coverage (CAT) is available at 50 percent of your APH yield and 55 percent of the established price election. Total cost for CAT coverage will be an administrative fee of \$100 per crop per county, regardless of the acreage. Administrative fees, in addition to premium costs, for coverage levels above CAT are \$30 per crop per county.

Item	Percent							
Coverage Level	50	55	60	65	70	75	80	85
Premium Subsidy	67	64	64	59	59	55	48	38
Your Share	33	36	36	41	41	45	52	62

## Price Elections (APH plan)

Price of compensation per bushel in case of loss:  
Established price: \$2.35/bushel

## Insurance Units

**Basic Unit:** A basic unit includes all of your insurable barley acreage in the county by share arrangement. Premiums are reduced 10 percent for a basic unit.

**Optional Unit:** If a basic unit consists of two or more sections of land, and certain record keeping requirements are met, you may apply for optional units by section. The 10-percent premium discount will not apply.

**Enterprise Unit:** Generally, all the insured crop acreage in a county. Premium discounts apply.

**Whole Farm Unit:** Generally, all the insured crops in the county that are covered by the insurance plan. Premium discounts apply.

## Plans of Insurance

**Actual Production History (APH)** — Production guarantee based on *individual* yield history. Optional, basic, and enterprise units are available.

**Income Protection (IP)** — APH plus price protection with enterprise units only.

**Revenue Assurance (RA)** — APH plus price protection with optional, basic, enterprise, and whole farm units.

## Replant Provisions

### (not available under catastrophic coverage)

A replanting payment is allowed only if the crop is damaged by a covered cause of loss to the extent that the remaining stand will not produce at least 90 percent of your bushel guarantee and it is practical to replant. The maximum replanting payment will be the lesser of 20 percent of the bushel guarantee or 5 bushels, times your price election.

## Late and Prevented Planting

These provisions provide protection on acreage that is planted after the final planting date or that cannot be planted. Please consult a crop insurance agent for details.

## Options

### Malting Barley Price and Quality Endorsement (not available under catastrophic coverage)

Supplemental coverage is available in select counties for malting barley in addition to the coverage provided by the barley crop provisions. Only varieties approved by the American Malting Barley Association or grown under the terms of a malting barley contract will be insurable. Additional premium is charged when this endorsement is selected.

## Loss Example

**APH Example:** A loss occurs when the bushels of barley produced for the unit fall below the production guarantee as a result of damage from a covered cause of loss. This example assumes a 50 bushels/acre, APH yield, 70-percent coverage level, 100 percent of the established price, and basic unit coverage.

$$\begin{array}{r} 50 \text{ bushels per acre APH yield} \\ \times .70 \text{ coverage level} \\ \hline 35 \text{ bushel guarantee*} \\ - 10 \text{ bushels per acre actually produced} \\ \hline 25 \text{ bushels per acre loss} \\ \times \$2.35 \text{ price election} \\ \hline \$58.75 \text{ gross indemnity*} \\ - \$4.50 \text{ estimated premium per acre (varies)} \\ \hline \$54.25 \text{ net indemnity*} \end{array}$$

## Revenue Product Example:

$$\begin{array}{r} 35 \text{ bushels* (see prior example)} \\ \times \$2.40 \text{ base price (est. - announced in March)} \\ \hline \$84.00 \text{ guarantee*} \\ 10 \text{ bushels per acre actually produced} \\ \times \$2.20 \text{ harvest price (est. - announced in Sept.)} \\ \hline \$22.00 \text{ revenue} \\ \$62.00 \text{ gross indemnity } (\$84.00 - \$22.00 = \$62.00) \\ - \$5.00 \text{ estimated premium (varies by county)} \\ \hline \$57.00 \text{ net indemnity*} \end{array}$$

\* Figures shown on a per acre basis; guarantees and losses paid are on a unit basis. See policy provisions.

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